

Yorkshire Dales National Park

Forecast valid from 06:00 on Saturday 28 Nov 2020 until 23:59 on Sunday 29 Nov 2020

Forecast Issued on Saturday 28 Nov 2020 at 04:24

Confidence: Cloud cover and extent of poor visibility across the hills holds the most uncertainty, with some marked variations possible across the Yorkshire Dales. High for wind strengths and temperatures.

Headline for Saturday 28 Nov 2020: A cold start then an increasingly cloudy day with widespread hill fog, and outbreaks of rain, arriving.

Mountain weather hazards on Saturday 28 Nov 2020

Blizzards

No Likelihood

Heavy Snow

No Likelihood

Storm force winds

No Likelihood

Gales

No Likelihood

Severe chill effect

No Likelihood

Poor visibility

High Likelihood

Thunderstorms

No Likelihood

Heavy persistent rain

No Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Cloudy	Cloudy	Light rain	Heavy Rain	Drizzle	Fog
Precipitation probability					
00%	20%	40%	40%	60%	20%

Forecast for Saturday 28 Nov 2020

Weather: A cold start with some bright or sunny spells, once low level mist and patchy freezing fog gradually lifts as cloud arrives from the south. By late morning hill fog will become extensive across the southern and eastern Yorkshire Dales. The best of the shelter is likely across the north. Cloud will thicken and lower this afternoon to bring widespread poor visibility, this persisting this evening.

Chance of cloud free mountain/hill tops above 600m: 70% falling 10% as cloud descends to 300-400m. Best conditions likely west of the Pennine Way this morning.

Visibility: Mostly very good initially, outside of patchy low level freezing fog, but deteriorating from the south and east through today with hill fog becoming widespread this afternoon and evening.

Forecast for Saturday 28 Nov 2020

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/14 E	7/15 E	10/19 E	12/20 E	11/19 E	9/14 E	6/11 E
300	5/14 E	5/14 E	7/17 E	9/20 E	9/19 E	6/14 E	5/12 E
Valley	6/14 E	6/15 E	9/20 E	9/19 E	8/17 E	6/13 E	4/11 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-1	2/-0	3/-1	4/-1	4/-0	4/1	4/2
300	2/-0	4/2	5/3	6/3	6/3	6/4	6/4
Valley	4/2	5/3	7/4	7/4	7/5	7/6	7/6
Freezing Level*	900m	1200m	1500m	1700m	1800m	1900m	1900m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Be aware of rapidly deteriorating visibility this afternoon as low cloud becomes widespread.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sat 28 Nov 2020	0mm	0.2mm	1.4mm

Forecast for Sunday 29 Nov 2020

Weather: Generally overcast and rather dull with persistent hill fog across most areas, as well as in the valleys at times. However, some brightness may develop, most likely in the afternoon and across eastern areas. Patchy drizzle at times, mainly overnight and through the morning.

Maximum wind: West-southwest 15 mph late in the day.

Chance of cloud free mountain/hill tops above 600m: Generally zero, with extensive and persistent low cloud above 300-400m. However, in the afternoon possibly improving to 30% across eastern areas.

Visibility: Expected to be generally no more than a kilometre or so above modest elevations. Much improved, if rather hazy, at low levels.

Temperature: **Valleys:** 5 or 6 rising 8 or 9 Celsius.
At 600m: 3 or 4 Celsius.
Freezing level: Above summits.